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PTO/SB/21 (08-03)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/782,642
	Filing Date	February 19, 2004
	First Named Inventor	Stahmann, Jeffrey E.
	Art Unit	3762
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	020.0327.US.UTL

ENCLOSURES (check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Law Offices of Patrick J.S. Inouye
Signature	
Date	July 20, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Stahmann et al.

Serial No.: 10/782,642

Filed: February 19, 2004

Title: System And Method For Assessing
Cardiac Performance Through
Transcardiac Impedance Monitoring

Attorney Docket No.: 020.0327.US.UTL

Group Art Unit: 3762

Examiner: Unassigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

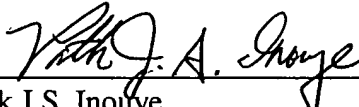
☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

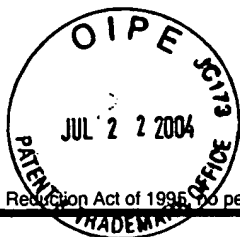
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Patrick J.S. Inouye
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Date: July 20, 2004

Telephone No.: (206) 381-3900



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/782,642
Filing Date	February 19, 2004
First Named Inventor	Stahmann et al.
Art Unit	3762
Examiner Name	Unassigned
Attorney Docket Number	020.0327.US.UTL

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-4,548,211	10-22-1985	Marks	
		US-5,788,643	08-04-1998	Feldman	
		US-6,120,442	09-19-2000	Hickey	
		US-6,238,349	05-29-2001	Hickey	
		US-3,776,221	12-04-1973	McIntyre	
		US-5,291,895	03-08-1994	McIntyre	
		US-5,113,869	05-19-1992	Nappholz et al.	
		US-5,752,976	05-19-1998	Duffin et al.	
		US-6,132,384	10-17-2000	Christopherson et al.	
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FOREIGN PATENT DOCUMENTS

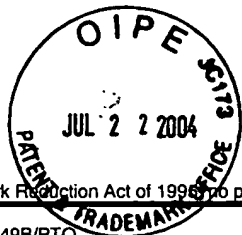
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Application Number	10/782,642
Filing Date	February 19, 2004
First Named Inventor	Stahmann et al.
Art Unit	3762
Examiner Name	Unassigned
Attorney Docket Number	020.0327.US.UTL

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		E. BRAUNWALD, "Heart Disease - A Textbook of Cardiovascular Medicine," pp. 46-52 (5 th Ed. 1997)	
		HAMILTON et al., "Arterial, Cerebrospinal and Venous Pressures in Man During Cough and Strain," 144 Am. J. of Phys., pp. 42, 42-50 (1944)	
		ZEMA et al., "Left Ventricular Dysfunction - Bedside Valsalva Maneuver," Br. Heart J., pp. 44:560-569 (1980)	
		McKay et al., "Instantaneous Measurement of Left and Right Ventricular Stroke Volume and Pressure-Volume Relationships with an Impedance Catheter," Circ. 69, No. 4, pp. 703-710 (1984)	
		WORTEL et al., "Impedance Measurements in the Human Right Ventricle Using a New Pacing System," Pacing Clinical Electrophysiology, Vol. 14(9), pp. 1336-42 (September 1991)	
		SEBORG et al., "Process Dynamics and Control," pp. 165-167, John Wiley & Sons (1989)	

Examiner Signature	Date Considered
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